

TW610ST – Multimedia Projector

Larger Widescreen Image from Short Distances

The Optoma TW610ST, a short throw widescreen projector, is designed with a multitude of features to meet the needs of schools, colleges and businesses. The Optoma TW610ST is perfect for wall or ceiling mount installations for use with interactive white boards. With high brightness, contrast and sharpness, the Optoma TW610ST engages the audience by producing crystal-clear images that keep them connected.

Features

- Projects 80" diagonal widescreen image from less than three feet away
- Impressive brightness, color and clarity keep audiences connected
- Powerful audio – Built-in 10-watt speaker system
- 3D-capable via DLP®Link™ technology up to 720p resolution**
- Crestron RoomView® for remote management and control
- Environmentally-friendly design for less than one watt of power consumption during standby mode

Specifications

Display Technology
Single 0.65" DC3 DMD DLP
Technology by Texas Instruments

Resolution
Native WXGA (1280 x 800)

Maximum Resolution
UXGA (1600 x 1200)

Brightness (Typical)
3100 ANSI Lumens

Contrast Ratio
3000:1 (Full On/Full Off)

Lamp Life and Type*
4000/3000 Hours (STD/Bright)
230W P-VIP

Throw Ratio
0.52 (Distance/Width)

Projection Distance
1.6' to 8.2' (0.5 to 2.5m)

Image Size (Diagonal)
44.6" to 222.8" (1.13 to 5.6m)

Offset
112%

Displayable Colors
1.07 Billion

Uniformity
85%

Audio
Two 5-Watt Speakers

Noise Level (STD/BRIGHT)
29dB/31dB

Remote Control
IR Remote with Mouse Control

Computer Compatibility
UXGA, WXGA, SXGA+, SXGA, XGA,
SVGA, VGA Resized, VESA, PC and
Macintosh Compatible

Video Compatibility
NTSC, PAL, SECAM, SDTV (480i), EDTV
(480p), HDTV (720p, 1080i/p)

3D Compatibility**
120Hz Frame Sequential 3D for
Resolutions Up to 720p, 60Hz Field
Sequential 3D for Resolutions Up to 480i

Monitor Loop Through
D-Sub 15-Pin VGA Output
(Functional in both Normal and Standby
Modes)

Projection Lens
F=2.8, f=7.34mm, Manual Focus

Closed Captioning
Enabled Via On-Screen Menu

User Controls
Complete On-Screen Menu
Adjustments in 25 Languages

I/O Connectors
HDMI, Two VGA-In, VGA-Out, S-Video,
Composite Video, RCA Stereo Audio-In,
Stereo Audio-In, Stereo Audio-Out,
Microphone-In, RJ45, RS-232 and USB

Security
Kensington® Lock, Security Bar and
Keypad Lock

Projection Method
Front, Rear, Ceiling Mount, Table Top

Weight
6.9lbs (3.1kg)



Dimensions (W x H x D)

12" x 4.5" x 9.6"
(306 x 114 x 243 mm)

Keystone
±40 Vertical

Horizontal Scan Rate
15.3 - 91.1 KHz

Vertical Refresh Rate
24 - 85, 120 Hz

Operating Temperature
41 to 104°F (5 to 40°C), 85% Max
Humidity

Power Supply
AC Input 100-240V, 50-60Hz,
Auto-Switching

Power Consumption
325 Watts Max (Bright), 250 Watts
(STD), <1 Watt (Standby)

Standard Accessories
AC Power Cord, VGA to VGA Cable,
Remote Control, Batteries for
Remote, Lens Cap, Multilingual
CD-ROM User's Manual, Quick Start
Card and Warranty Card

Optional Accessories
HDMI Cable, Microphone, Wall
Mount, Ceiling Mount, Component
to VGA Cable, Composite Video
Cable, RS-232 Cable and
Panoview™ Series Screens

Warranty
3-Year Optoma Express
Replacement Service,
1-Year Lamp

UPC
796435 41 199 2

* Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness may decrease over time.
**3D content can be viewed with active LCD shutter glasses when the projector is connected to a computer with a compatible 3D graphics card. Please visit
www.optoma.com for more information.